ABSTRACT

[0101]   The spam blocker monitors the SMTP/TCP/IP conversation between a sending message transfer agent MTA_0 and a receiving message transfer agent MTA_1; catches MTA_0's IP address IP_0, MTA_0's declared domain D_0, from-address A_0; to-address A_1, and the body of the message; and uses this source and content information to test for unsolicited messages. It interrupts the conversation when MTA_0 sends a .\r\n end-of-message indicator and uses the various test results to decide if the message is suspected of being unsolicited. If the message is suspected of being unsolicited then it logs the rejected message and sends an error reply to MTA_0 which forces MTA_0 to send a QUIT command .before the body of the message is transmitted; else it logs the allowed message and releases the intercepted RCPT command which allows the conversation between MTA_0 and MTA_1 to proceed.